

USSN 10/603,462 filed 06/25/2003 (DP-306034)  
Amendment dated: 29-NOV-2006  
Response to Office Action of 11/14/2006

## REMARKS

Upon entry of this amendment, claims 1 – 3, 7 – 9, 11, 13 – 17, 21 – 25, 27, 31, 34 – 39, 41 and 46 – 64 will be pending.

The Applicants appreciate the Examiner's continued attention and consideration.

Claims 1 – 3, 7 – 9, 11, 13 – 17, 21 – 25, 27, 31, 34 – 39, 41 and 47 - 64 are allowed.

Claim 46 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter applicants regard as the invention.

Claim 46 would be allowable if rewritten or amended to overcome the above rejections.

Claim 46 has been amended to overcome the irregularities articulated by the Examiner and to place it in allowable form.

As currently amended, claim 46 recites:

*“A magnetic position sensor for measuring one of a linear position and an angular position of a device, the sensor comprising:*

*a linear array ... ;*

USPN 10/603,462 filed 06/25/2003 (DP-306034)  
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*a target ... ;*

*a first circuit ... ; and*

*a second circuit ... ,*

*wherein the target comprises one of two magnetic teeth separated by a target spacing and two magnetic slots separated by the target spacing; and wherein the target spacing is less than half the distance between a first galvanomagnetic sensing element and a last galvanomagnetic sensing element of the linear array."*

The forgoing amendments to Claim 46 are intended to faithfully follow the spirit and letter of the Examiner's suggestions.

Accordingly, it is respectfully requested that the rejection be withdrawn.

USSN 10/603,462 filed 06/25/2003 (DP-306034)  
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## Conclusion

Applicants believe, in view of the amendments and remarks herein, that all grounds of rejection of the claims have been addressed and overcome, and that all claims are in condition for allowance.

If it would further prosecution of the application, the Examiner is urged to contact the undersigned at the telephone number provided.

The Commissioner is hereby authorized to charge any fees associated with this communication and/or credit any overpayments to Deposit Account No. 50-0831.

Respectfully submitted,

  
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